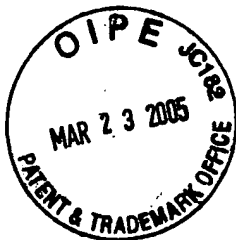


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Signature

Virginia Dress

Typed or printed name of person signing Certificate

48,243

Registration Number, if applicable

(515) 270-4192

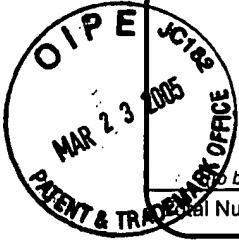
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- 1) Transmittal Form / 1 Page (1 copy)
- 2) Non-Fee Amendment / 8 Pages (1 copy)
- 3) Appendix, Parts 1-4 / 23 Pages (1 copy)

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**TRANSMITTAL
FORM**

(To be used for all correspondence after initial filing)

Total Number of Pages in This Submission

32

Application Number

10/650,108

Filing Date

08/26/2003

First Named Inventor

Pramod B. Mahajan

Art Unit

1652

Examiner Name

Pak, Yong D.

Attorney Docket Number

1264D

ENCLOSURES (check all that apply)☐ Fee Transmittal Form☐ Fee Attached☒ Amendment / Reply☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☐ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☐ Reply to Missing Parts/
Incomplete Application☐ Reply to Missing Parts
under 37 CFR 1.52 or 1.53☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a
Provisional Application☐ Power of Attorney, Revocation
Change of Correspondence Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s) _____☐ Landscape Table on CD☐ After Allowance Communication to TC☐ Appeal Communication to Board
of Appeals and Interferences☐ Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Other Enclosure(s)
(please identify below):

Appendix, Parts 1-4

Remarks**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm

Pioneer Hi-Bred International, Inc.

Signature

Printed Name

Virginia Dress

Date

March 16, 2005

Reg.
No.

48,243

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Signature

Typed or printed name

Virginia Dress

Date

March 16, 2005

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application. No. : 10/650,108 Confirmation No. 9415
Applicant : Pramod B. Mahajan
Filed : 08/26/2003
TC/A.U. : 1652
Examiner : Pak, Yong D
Docket No. : 1264D
Customer No. : 27310
Title : MRE11 Orthologue and Uses Thereof

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

NON-FEE AMENDMENT

In response to the Office Action of December 16, 2004, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 5 of this paper.

An **Appendix** is attached following page 8 of this paper. The Appendix comprises a date-limited NCBI keyword search, a multiple sequence alignment of MRE11 polypeptides, BioScout analyses results, supplemental Pfam and PDB information.